MSDC
Ohio Minority Supplier Development Council

The Practical AI Playbook for SMBs

Workflows, Guardrails, and Real Use Cases

A White Paper for OMSDC Members and Partners

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Executive Summary

Many minority-owned SMBs compete while undercapitalized and leanly staffed, often facing tougher credit outcomes and greater reliance on personal funds than their counterparts. [1] AI won't erase those structural realities, but it *can* help small teams move faster and look enterprise-polished by accelerating research, writing, prep, and operational documentation. But only if it's used thoughtfully.

Real-world studies show generative AI can significantly improve productivity for certain knowledge-work tasks, but results can be uneven, and overreliance can backfire. [2]

This paper explains what today's AI tools are, how large language models work in plain English, where SMBs can apply AI in everyday workflows, and what guardrails matter most — especially around privacy, security, and legal caution.

Introduction: Why This Matters Now

If you run a small or mid-sized business, you already know the truth that doesn't make it into glossy strategy decks: most competition isn't "best idea vs. best idea." It's often capacity vs. capacity: time, staff, tools, polish, and the ability to respond quickly when an opportunity shows up.

For many minority-owned businesses, that challenge is sharper. Federal Reserve small business research has found that firms owned by people of color tend to have weaker banking relationships, worse outcomes on credit applications, and greater reliance on personal funds than other firms. [1] Related analysis also shows minority-owned firms were less likely than other firms to receive all the credit they sought, with stark differences in reported outcomes. [3] Put simply: too many MBEs have been forced to build growth with one hand tied behind their backs.

So why talk about AI now?

Because we're entering a period where certain "white collar bottlenecks" are getting cheaper to solve. Drafting, summarizing, organizing, polishing, researching, outlining, converting messy notes into usable documents, these are the kinds of tasks that often require extra staff or paid specialists. And those are precisely the areas where today's AI tools can help a lean team operate like a bigger team, when used responsibly.

But this isn't a hype piece. Research consistently shows AI helps a lot in some task zones — and can hurt in others if users trust it blindly or push it past its limits.[4] The goal of this paper is practical leverage: where AI fits, how to use it well, and where to be cautious.

That starts with getting clear on what "AI tools" actually are.

What Today's AI Tools Actually Are

When most business owners say "AI," they're usually talking about a few practical tool categories:

Chat assistants (LLM-based) — tools that draft, rewrite, summarize, and brainstorm using natural language prompts. Examples include ChatGPT, Claude, and Gemini.

Research and synthesis tools — tools that help gather information, summarize sources, and compare options. Often faster than manual web searching, though accuracy still needs to be verified. Examples include Perplexity and ChatGPT with search.

Productivity helpers — meeting transcription and summarization, email drafting, document cleanup, and "turn these notes into a plan" automation. Microsoft Copilot and similar tools fit here.

Creative support — image generation, design assistance, slide creation, basic video editing support, and faster content iteration. Examples include Canva AI tools, Gamma, and various image generators.

Workflow and "agent" tools — tools that can follow multi-step instructions (e.g., generate a checklist, then turn it into a calendar plan, then draft outreach emails) — often with the ability to connect to business software.

> Most SMB value doesn't come from chasing the newest model. It's more important to choose one or two tools and apply them to repeatable workflows: sales prep, proposal drafting, competitor research, SOPs, and team communications.

To use these tools well, it helps to understand, at a high level, how the underlying language models work.

How Large Language Models Work, in Plain English

Large language models (LLMs) are trained on massive collections of text. Their core job during training is surprisingly simple to describe: predict what text is likely to come next. [5]

For example, if you write: “Please draft a capability statement for a cybersecurity firm that serves hospitals…” the model predicts the next likely word, then the next, then the next — until it produces a full response.

That matters because LLMs don’t “look up” truth the way a human researcher would.

They generate output based on patterns learned from data and the context you provide. Many models can produce high-quality writing, useful structure, and even reasoning-like explanations. They can also produce confident errors that look convincingly accurate.

You’ll often hear the term “context window.” Think of it as the model’s working memory during a conversation: what it can “see” and use at once. The model doesn’t automatically carry your whole business history unless you provide it (or a specific tool feature stores it), and it doesn’t reliably remember what was said weeks ago unless that information is reintroduced.

Even AI companies themselves caution users about factual reliability. OpenAI’s privacy policy notes that services like ChatGPT generate responses by predicting likely next words, and that those words “may not be the most factually accurate.” [6]

This isn’t a reason to avoid AI. It’s a reason to treat it like what it is: a powerful engine for drafting and synthesis that still needs human judgment — especially when stakes are high.

How AI Differs From Human Thinking

Humans and AI can both produce language. That similarity can be misleading.

A human mind does more than generate fluent sentences, however. People naturally set priorities based on goals and values, notice contradictions, update beliefs when new evidence matters, recognize when something “sounds wrong” even before they can explain why, and take responsibility for outcomes.

An LLM doesn't reliably do those things on its own. It can simulate them in language, but simulation isn't the same as accountability.

Confident tone vs. correct substance. A model can write a polished paragraph that sounds like a subject-matter expert — and still be wrong. NIST explicitly describes "confabulation" (often called hallucination) as a phenomenon where generative AI presents erroneous or false content confidently. [7]

Agreeable doesn't mean accurate. If you phrase a prompt like "I think my pricing is too high — confirm that," many systems will "helpfully" agree and build a rationale. That can feel supportive while quietly steering you toward flawed decisions.

If you tell your friend or partner, I think I'm the biggest business genius the world has seen, they're likely to bring you back down to earth. Most AI models will agree with you. Some may go further and try to convince you you're right, even if that means stretching the truth. So, keep these differences in mind.

> The best business use of AI isn't "replace thinking." It's structure thinking, speed up the rough draft, surface options, organize information, and then let a human decide what's true, what's ethical, and what's smart.

Where SMBs Can Use AI Right Now

The biggest payoff for SMBs usually comes from using AI in repeatable workflows — areas where time is scarce and quality matters. Below are practical use cases with examples.

Research and Competitor Analysis

AI can help you quickly organize market information: competitor lists, positioning language, service comparisons, and pricing narratives (when public).

Illustrative example: A construction MBE wants to expand into healthcare facilities. They ask AI to list likely competitors in Ohio, summarize each competitor's value proposition from public materials, and produce a comparison table. The owner then verifies accuracy by checking websites directly and calling a trusted contact for real market feedback.

> Human review required: Competitor data can be incomplete or outdated; pricing claims can be speculative. Keep your conclusions evidence-based.

Sales Preparation and Business Development

Sales is often "prep heavy": researching the buyer, tailoring messages, drafting sequences, and translating technical capability into customer outcomes.

Illustrative example: A logistics firm uses AI to draft two versions of an outreach email: one for a procurement manager focused on risk and compliance, another for an operations leader focused on on-time performance. The sales lead selects what fits, edits for authenticity, and ensures claims are accurate.

> Human review required: Sales credibility is fragile. Never let AI invent customer logos, results, or certifications.

Proposal Writing, Capability Statements, and RFP Support

For many MBEs, proposals are a tax on time. AI can't win the contract for you, but it can reduce the blank-page burden.

Illustrative example: A professional services MBE pastes the RFP requirements (not confidential client data — just the requirement text) and asks AI to create a compliance matrix. Then they draft core responses internally and use AI to polish for readability.

> Human review required: Compliance is unforgiving. Treat AI output as a draft and cross-check every requirement.

Marketing and Communications

Most SMBs don't need more "content." They need clearer, more consistent communication that turns attention into action.

Illustrative example: A manufacturing firm records a short "what changed this quarter" update. AI converts it into a one-page customer update, a short LinkedIn post, and a trade-show follow-up email template. A human checks tone and removes anything confidential.

> Human review required: Brand voice and truthfulness. AI can help you sound polished; you need to sound real.

Operations and Internal Efficiency

This is where many SMBs quietly win: fewer mistakes, cleaner handoffs, and less "tribal knowledge."

Illustrative example: A facilities maintenance company uses AI to turn a supervisor's voice notes into a step-by-step service call checklist, a training guide for new technicians, and a standardized customer update message that techs send after arriving onsite. [8]

Data and Reporting Support

Many SMBs have data; fewer have time to interpret it.

Illustrative example: A staffing firm exports a spreadsheet of fill rates and time-to-fill by client. AI helps summarize patterns and draft a one-page internal memo. The operations manager verifies the numbers and adds context AI can't know.

Design, Visuals, and Media

Good design can be expensive. AI can help smaller firms produce better first drafts faster.

Illustrative example: An MBE preparing for a corporate pitch uses AI-assisted slide tools to produce a first draft, then refines it with a human eye for brand alignment and accuracy.

What AI Is Especially Good At

Across all of these use cases, a pattern emerges. AI is at its best when it acts like a fast first-draft partner and a structure engine: turning messy notes into clean outlines, summarizing long documents into usable takeaways, generating multiple versions quickly, translating technical language into business language, creating checklists and process documentation, and helping you get unstuck when you know what you want but can't get it on paper.

> AI is often great at reducing the "activation energy" of starting and organizing work. That matters for under-resourced teams, because starting is often the hidden cost.

But usefulness isn't the same as trustworthiness.

What AI Is Bad At — or Risky to Overtrust

The biggest risk with modern AI tools isn't that they're "dumb." It's that they can be wrong with confidence. And in business, confidence is persuasive.

Confident Errors (Hallucinations)

NIST flags "confabulation" as a core generative AI risk: systems can generate and confidently present content that's false or misleading, which becomes dangerous when people treat polished output as truth. [7] In SMB workflows, this shows up as invented "facts," made-up citations, incorrect requirements summaries, or confident but wrong explanations.

Sycophancy and Bias Confirmation

Some AI assistants are trained to be helpful, friendly, and satisfying. and that can drift into excessive agreement. Research on RLHF-trained assistants finds models may match user beliefs over truth. [9] More recent work found that users often prefer the more flattering, agreeable model (even when it nudges them toward worse judgment). [10]

In business terms, this can turn AI into a mirror. If you ask a leading question — "Prove my pricing is too high," "Confirm my competitor is unethical" — you can accidentally create a self-confirming loop rather than an objective analysis.

Overreliance and "False Mastery"

Security and risk communities explicitly track overreliance as a key failure mode. OWASP warns that failing to critically assess LLM outputs can compromise decisions, create security vulnerabilities, and produce legal liabilities. [12]

The deeper issue isn't just error, it's skill drift. Evidence from a large field experiment in education found that students with unguarded GPT access performed better during assisted practice but performed worse later when AI help was removed. [13] If AI always writes the first draft, your team may stop building the muscles needed to write, reason, and validate under pressure.

Overconfidence in Our Own Work

AI can also distort self-assessment. One study found that people using AI improved performance on reasoning tasks, but overestimated how well they did - and higher "AI literacy" didn't reliably fix the gap. [14]

A Mental Health Edge Case Worth Naming

While rare, clinicians and researchers are increasingly noting cases where chatbots appear to reinforce delusional beliefs or undermine real-world decision-making in vulnerable users. [15][16] Professional guidance also cautions against treating chatbots as mental health tools or substitutes for professional care. [17] For business leaders, the practical takeaway is simple: AI should be a productivity tool. There's danger in treating it as a private "truth machine" or a 24/7 confidant for high-stakes personal decisions.

The Jagged Frontier

A final way to tie all of this together is the "jagged frontier" concept from Harvard research: AI can dramatically improve performance in some tasks and fail unpredictably in others that look similar on the surface. [4] The goal isn't to "use AI more." It's to use AI in the right spots, with verification, and with clear rules about what should never go into the tool.

Security, Privacy, and Legal Cautions

> Treat public AI tools like a third party. If you wouldn't paste it into a public forum, don't paste it into an AI chat.

Data Retention and Training Policies Vary

OpenAI states that for individual (consumer) services, it may use your content to train models, and you can opt out. For business products (Team, Enterprise, and API), training on customer inputs/outputs is off by default unless the organization opts in. [18]

Anthropic similarly notes that consumer settings can allow training and that data retention can extend to five years if users allow data to be used for model training; if not, retention is shorter. [19]

The Legal Risk Is Real

A federal court decision in United States v. Heppner found that documents created via a consumer AI chatbot were not protected by attorney-client privilege, in part because the chatbot isn't an attorney and because the communications weren't confidential. [20]

> Practical rule: Don't ask consumer AI tools for legal advice about an active issue or dispute, and don't assume "chat history" is privileged. Attorney-client privilege is tied to confidential communications with legal counsel, not with a general-purpose chatbot.

Practical Guidelines for Using AI Responsibly: The SCOPE Framework

Here's a practical framework designed for SMB work. Use SCOPE to get better AI outputs and reduce risk.

S — Situation / Goal. Start with what you're trying to accomplish and for whom. Example: "I need a one-page capability statement for a corporate procurement manager."

C — Context. Provide the ingredients the AI needs: your services, differentiators, target customer, requirements, tone, and constraints. Avoid confidential data unless you're using a secured business tool with an approved policy.

O — Output. Specify a format. Example: "Give me: headline, 3 bullets, a short paragraph, and a credentials section."

P — Priorities. Tell it what matters most: compliance, clarity, brevity, persuasion, credibility, or speed. Example: "Prioritize accuracy and a professional tone over marketing hype."

E — Exclusions. Tell it what to avoid: invented metrics, legal claims, competitor bashing, confidential details, or "too-salesy" language. Example: "Do not invent certifications, customers, or performance results."

"Adult Supervision" Rules

Start low-risk: drafts, structure, brainstorming, document cleanup. Verify anything that matters: numbers, policies, legal claims, regulatory statements. Use AI to create options, not decisions — a human owns final judgment. Separate drafts from finals: treat AI as the first pass. Keep a short internal usage policy: what not to paste, what requires review, and who approves final outputs.

> With this approach, AI becomes a capacity multiplier — not a risk multiplier.

OMSDC's Role: Practical AI Learning for MBEs

OMSDC is developing a practical AI learning series designed for MBE leaders and their teams. The goal is straightforward: help businesses move beyond curiosity and basic prompting into real workflows that save time, improve output, and strengthen competitiveness.

Rather than offering generic AI theory, OMSDC is building programming around the kinds of things businesses actually need help with — research, proposals, marketing, business development, process documentation, and other day-to-day applications where AI can create real leverage.

As the series takes shape, OMSDC is gathering input on the topics, format, and pricing that would make sessions most useful. If you'd like to help shape the series, please complete the survey:

OMSDC AI Workshop Survey

The goal is to make AI education accessible, practical, and aligned with the reality of running a business with limited time and bandwidth.

Conclusion

AI won't eliminate the structural challenges many minority-owned SMBs face — especially capital constraints and the capacity gap between small teams and large enterprises. But it can meaningfully reduce the cost of certain business bottlenecks: drafting, summarizing, organizing, preparing, and standardizing.

The businesses that benefit most won't be the ones chasing every new tool. They'll be the ones that pick a few repeatable workflows, apply AI to the parts that are draft-heavy and time-consuming, keep humans responsible for truth and final decisions, and operate with clear guardrails around confidentiality and overreliance.

> Used wisely, AI becomes a practical form of leverage: more speed, more clarity, and more professional output — without needing a much bigger payroll. That's not magic. It's a new kind of operating discipline that smaller firms can use to compete.

Endnotes

[1] Federal Reserve Small Business Credit Survey, *2021 Report on Firms Owned by People of Color*. https://www.fedsmallbusiness.org/reports/survey/2021/2021-report-on-firms-owned-by-people-of-color

[2] Noy, S. & Zhang, W. (2023). "Experimental Evidence on the Productivity Effects of Generative Artificial Intelligence." *Science*. https://www.science.org/doi/10.1126/science.adh2586

[3] Federal Reserve Bank of Cleveland (2022). "Access to Credit for Small and Minority-Owned Businesses." *Economic Commentary*. https://www.clevelandfed.org/publications/economic-commentary/2022/ec-202204-access-to-credit-for-small-and-minority-owned-businesses

[4] Dell'Acqua, F. et al. (2023). "Navigating the Jagged Technological Frontier." Digital Data Design Institute at Harvard. https://d3.harvard.edu/navigating-the-jagged-technological-frontier/

[5] OpenAI (2023). "GPT-4 Technical Report." https://cdn.openai.com/papers/gpt-4.pdf

[6] OpenAI. "US Privacy Policy." https://openai.com/policies/us-privacy-policy/

[7] National Institute of Standards and Technology (2024). "Artificial Intelligence Risk Management Framework: Generative Artificial Intelligence Profile" (NIST AI 600-1). https://nvlpubs.nist.gov/nistpubs/ai/NIST.AI.600-1.pdf

[8] Brynjolfsson, E., Li, D. & Raymond, L. (2023). "Generative AI at Work." NBER Working Paper 31161. https://www.nber.org/system/files/working_papers/w31161/w31161.pdf

[9] Sharma, M. et al. (2023). "Towards Understanding Sycophancy in Language Models." Anthropic research. https://www.anthropic.com/research/towards-understanding-sycophancy-in-language-models

[10] Cheng, M., Lee, C., Khadpe, P., Yu, S., Han, D. & Jurafsky, D. (2026). "Sycophantic AI Decreases Prosocial Intentions and Promotes Dependence." *Science*. https://www.science.org/doi/10.1126/science.aec8352

[11] Lopez-Lopez, E., Abels, C. M., Holford, D., Herzog, S. M. & Lewandowsky, S. (2025). "Generative Artificial Intelligence–Mediated Confirmation Bias in Health Information Seeking." *Annals of the New York Academy of Sciences*, 1550(1), 23–36. https://pmc.ncbi.nlm.nih.gov/articles/PMC12412720/

[12] OWASP Foundation. "OWASP Top 10 for Large Language Model Applications." https://owasp.org/www-project-top-10-for-large-language-model-applications/

[13] Bastani, H., Bastani, O., Sungu, A., Ge, H., Kabakcı, Ö. & Mariman, R. (2025). "Generative AI Without Guardrails Can Harm Learning: Evidence from High School Mathematics." *Proceedings of the National Academy of Sciences*, 122(26). https://www.pnas.org/doi/10.1073/pnas.2422633122

[14] Fernandes, D., Villa, S., Nicholls, S. et al. (2025). "AI Makes You Smarter but None the Wiser: The Disconnect Between Performance and Metacognition." *Computers in Human Behavior*, 175, Article 108779. https://arxiv.org/abs/2409.16708

[15] Carlbring, P. & Andersson, G. (2025). "Commentary: AI Psychosis Is Not a New Threat: Lessons from Media-Induced Delusions." *Internet Interventions*, 42, 100882. https://pmc.ncbi.nlm.nih.gov/articles/PMC12550315/

[16] Hudon, A. & Stip, E. (2025). "Delusional Experiences Emerging from AI Chatbot Interactions or 'AI Psychosis.'" *JMIR Mental Health*, 12, e85799. https://mental.jmir.org/2025/1/e85799

[17] American Psychological Association (2025). "APA Health Advisory on the Use of Generative AI Chatbots and Wellness Applications for Mental Health." https://www.apa.org/topics/artificial-intelligence-machine-learning/health-advisory-chatbots-wellness-apps

[18] OpenAI. "How Your Data Is Used to Improve Model Performance." https://openai.com/policies/how-your-data-is-used-to-improve-model-performance/

[19] Anthropic. "Updates to Consumer Terms and Privacy Policy." https://www.anthropic.com/news/updates-to-our-consumer-terms

[20] *United States v. Heppner*, Memorandum (S.D.N.Y., Rakoff, J., Feb. 17, 2026). https://www.akingump.com/a/web/ssTGsd5NHbtZ1onzXQMTye/1_25-cr-503-27-memorandum.pdf

[21] Reuters (2026). "Artificial Intelligence Tools: A Third Party by Any Other Name?" https://www.reuters.com/legal/transactional/artificial-intelligence-tools-third-party-by-any-other-name--pracin-2026-03-24/

[22] American Bar Association, *Jurimetrics* (2024). "Exploring the Intersections of Privacy and Generative AI: A Dive into Attorney-Client Privilege and ChatGPT." https://www.americanbar.org/content/dam/aba/publications/Jurimetrics/spring-2024/exploring-the-intersections-of-privacy-and-generative-ai-a-dive-into-attorney-client-privilege-and-chatgpt.pdf

This paper intentionally focuses on LLM-centric workflows. Non-LLM AI (forecasting, computer vision, advanced analytics) are outside of this paper's scope and may be covered in pulications.